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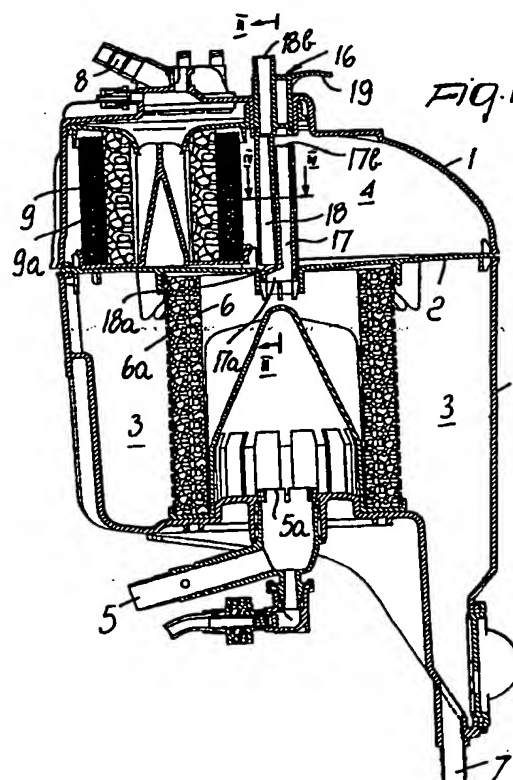
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(54) **Combined device comprising a venous blood reservoir and a cardiotomy reservoir in an extracorporeal circuit**

(57) A combined device having a reservoir for venous blood (3) and a reservoir for cardiotomy blood (4) is disclosed. The device is characterized in that the venous reservoir is separated from the cardiotomy reservoir by a partition (2) which includes a plurality of apertures. The apertures are in fluid communication with a plurality of ducts and passageways which are configured to provide various modes of operation depending upon whether, for the particular surgical conditions, it is desired to mix venous and cardiotomy blood, or to isolate those blood pools from each other.



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EUROPEAN SEARCH REPORT

Application Number
EP 97 11 1933

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.6)
X	US 5 411 705 A (THOR ERIC J ET AL) * column 4, line 19 - line 26 * * figures 4,5 *	1	A61M1/36
A	---	9,18	
X,P	WO 96 24397 A (MEDTRONIC, INC.) * page 10, line 28 - page 11, line 3 * * figure 2 *	1	
A	---		
A	US 5 158 533 A (STRAUSS BRIAN ET AL) * column 5, line 64 *		
A	---		
A	US 4 490 331 A (R STEG)		
A	---		
A	EP 0 320 815 A (DIDECO SPA) -----		
			TECHNICAL FIELDS SEARCHED (Int.Cl.6)
			A61M
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 31 October 1997	Examiner Vereecke, A
<p>CATEGORY OF CITED DOCUMENTS</p> <p>X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document</p> <p>T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document</p>			

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